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Comparison of Some Commercially Available Photographic Negative Materials

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COMPARISON OF SOME COMMERCIALLY AVAILABLE PHOTOGRAPHIC NEGATIVE MATERIALS

HARRIS HUG

Characteristic curves have been made for several types of negative films manufactured by Eastman Kodak Co. and of corresponding films manufactured by Agfa Ansco Corporation. Although the curves are remarkably similar, there are a few interesting differences.

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A STUDY OF SOME OF THE MODERN NATURAL COLOR PHOTOGRAPHIC PROCESSES

P. H. CARR

The following additive processes have been investigated: Agfacolor, Dufaycolor, and Finlay. Conclusions are based largely upon experience obtained in the practical use of the processes. The two subtractive processes investigated were Eastman Wash-Off Relief and Defender Chromatone. Here a systematic attempt has been made to analyze the factors which control the results and to eliminate difficulties by some method of control.

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LARGE ANGLE SCATTERING AND ENERGY LOSS OF POTASSIUM IONS SCATTERED BY ARGON, KRYPTON, XENON, AND MERCURY VAPOR

ARTHUR G. ROUSE

Potassium ions with energies of 90 to 360 volts were scattered by single collisions in the mentioned gases. The energy of the potassium ion after collision has been found to agree with the expected energy assuming conservation of energy and momentum. The angular distribution of the scattered ions is found to vary